



FILING DATE

APPLICANT(S)

CLAIMS

|                 | AS FILED    |          | AFTER<br>1st AMENDMENT                           |  | AFTER<br>2nd AMENDMENT                           |  |
|-----------------|-------------|----------|--|--|--|--|
|                 | IND.        | DEP.     | IND.   | DEP.   | IND.   | DEP.   |
| 1               |             |          |  |  |  |  |
| 2               |             |          |  |  |  |  |
| 3               |             |          |  |  | ********   |  |
| 4               |             |          |  |  |  |  |
| 5               |             | -        |  |  |  |  |
| 6               |             | 1        |  |  |  |  |
| 7               |             |          | <b></b>  |  |  |  |
| 8               |             |          |  |  |  |  |
| 9               | 1           |          |  |  | i  |  |
| 10              |             |          |  |  |  |  |
| 11              |             |          |  | <u> </u>   |  |  |
| 12              |             | 1        |  |  |  |  |
| 13              |             |          | <u> </u>   |  |  |  |
| 14              |             | 1        |  | <b> </b>   |  |  |
| 15              |             | -        |  |  |  |  |
| 16              |             | -        | f  | <del></del>                                      |  |  |
|                 |             |          |  |  |  | <del> </del>                                     |
| 17<br>18        |             |          | ļ  |  |  |  |
|                 |             | -        |  |  |  |  |
| 19              |             |          | <b> </b>   |  |  |  |
| 20              |             |          |  |  |  |  |
| 21              |             | <u> </u> |  |  |  |  |
| 22              |             | -        |  |  |  |  |
| 23              |             |          | 1  |  |  |  |
| 24              | 34 (1.55)   |          | 1 (1994) - 1                                     | 23.5   | - 41, 41   |  |
| 25              |             |          |  |  |  |  |
| 26              |             |          |  |  |  | 250  |
| 27              |             | 4        |  | 113.4  |  |  |
| 28              |             |          |  |  |  |  |
| 29              | 100         | - 1      | 11 11 11 11 11 11 11 11 11 11 11 11 11           |  | 17   | 471.8  |
| 30              |             | 4.1      | 1800 18  |  |  |  |
| 31              |             |          | . Ma V.E.  |  | 1,1  |  |
| 32              |             |          |  |  |  |  |
| 33              |             |          |  |  |  |  |
| 34              |             |          |  |  |  |  |
| 35              |             | -        |  |  |  |  |
| 36              |             |          |  |  |  |  |
| 37              | L           | -        | <u> </u>   | <del>                                     </del> | l  | l  |
| 38              |             |          | l  | <del>                                     </del> | l  | <b></b>  |
| 39              |             |          | l — —  |  | t  |  |
| 40              |             |          |  | <del>                                     </del> | <b>†</b>   | <b></b>  |
| 41              |             |          | <del>                                     </del> | <del>                                     </del> | <b></b>  | <b></b>  |
| 42              |             | <b> </b> | t  | <del> </del>                                     |  | t  |
| 43              |             | <b></b>  | <del>                                     </del> | <del> </del>                                     | 1.5  | <del> </del>                                     |
| 44              |             | <b></b>  | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |
| 45              | <del></del> |          | <del> </del>                                     | <del> </del>                                     | <u> </u>   | <del> </del>                                     |
|                 |             | ļ        | <del> </del>                                     |  | <u> </u>   | <del>                                     </del> |
| 46              |             |          | <del> </del>                                     |  | ļ  |  |
| 47              |             | <b> </b> |  | ļ  | ļ  | <b></b>  |
| 48              |             |          | ļ  | <u> </u>   | ļ  | <del> </del>                                     |
| 49              | <u> </u>    | <u> </u> | <u> </u>   | ļ  | <u> </u>   | <del> </del>                                     |
| 50              |             |          | <u> </u>   |  |  | <u> </u>   |
| TOTAL<br>IND.   | 4           | 1        |  | 1  |  |  |
| TOTAL           | 25          | · 🖛      |  | <b>—</b>   |  | · 📥  |
| DEP.            |             |          | <del>                                     </del> |  | <del> </del>                                     |  |
| TOTAL<br>CLAIMS | 20          |          |  | 1.7  |  |  |

| IND.   DEP.   IND.   DEP.   IND.  |            |
|---|------------|
| 52       53         53       54         55       56         57       58         59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         79       80                             | DEP.       |
| 53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80 |            |
| 54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80            |            |
| 55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80                       |            |
| 56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80                                  |            |
| 57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80   |            |
| 58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80  |            |
| 59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80   |            |
| 60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80  |            |
| 61<br>62<br>63<br>64<br>65<br>66<br>66<br>67<br>68<br>69<br>70<br>71<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>77<br>78  |            |
| 62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80  |            |
| 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80   |            |
| 64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80  |            |
| 65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80  |            |
| 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80   |            |
| 67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80  |            |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80  |            |
| 69 70 71 72 73 74 75 76 77 78 79 80   |            |
| 70 71 72 73 74 75 76 77 78 79 80  |            |
| 71 72 73 74 75 76 77 78 79 80   |            |
| 72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80  |            |
| 73 74 75 76 77 78 79 80   |            |
| 74  |            |
| 75<br>76<br>77<br>78<br>79<br>80  |            |
| 76  |            |
| 77<br>78<br>79<br>80  |            |
| 778 79 80 80 80 80 80 80 80 80 80 80 80 80 80   |            |
| 79 80   |            |
| 80  |            |
|   |            |
|   |            |
| 82  |            |
| 83  |            |
| 84  |            |
| 85  |            |
| 86  |            |
| 87  |            |
| 88  |            |
| 89  |            |
| 90  |            |
| 91  |            |
| 92  |            |
| 93  |            |
| 94  |            |
| 95  |            |
| 96  |            |
| 97  |            |
| 98  |            |
| 99  |            |
| 100   |            |
| TOTAL IND.  |            |
| IND.  | <b>—</b> * |
| I DEP. I  |            |
| TOTAL<br>CLAIMS   |            |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM **PTO-2022** (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office